

English Translation of the Amendments under PCT Article 19 as originally filed

CLAIMS

1. (Amended) A recording apparatus which executes copy control utilizing copy control information which is formed by plural bits of digital data and indicative of plural types of copy control, comprising:

an electronic watermark detection means which detects predetermined certain bits of digital data in said copy control information out of a content over which an electronic watermark expressing said copy control information is superimposed; and

a recording means which records said content in accordance with a detection result obtained by said electronic watermark detection means.

2. (Amended) The recording apparatus of claim 1 which is an SD apparatus complying with the SDMI control method, wherein said copy control information is available in three types of "copy_freely", "copy_one_generation" and "no_more_copy", and

said predetermined certain bits of digital data expressing "no_more_copy".

3. (Amended) The recording apparatus of claim 1 which is a recording apparatus complying with the CPPM control method or the CPRM control method,

wherein said copy control information is available in three types of "copy_freely", "copy_one_generation" and "no_more_copy", and

 said predetermined certain bits of digital data expressing "no_more_copy".

4. The recording apparatus of claim 2, wherein when the detection result obtained by said electronic watermark detection means indicates detection of said "no_more_copy", said recording means does not record said content, and when the detection result obtained by said electronic watermark detection means indicates that said "no_more_copy" is not detected, said recording means records said content.

5. The recording apparatus of claim 3, wherein when the detection result obtained by said electronic watermark detection means indicates detection of said "no_more_copy", said recording means does not record said content, and when the detection result obtained by said electronic watermark detection means indicates that said "no_more_copy" is not detected, said recording means records said content.

6. The recording apparatus of claim 2, wherein said recording means encrypts and records said content.

7. The recording apparatus of claim 1, wherein said content is an audio content.

8. (Amended) A recording means which executes copy control utilizing copy control information which is formed by plural bits of digital data and indicative of plural types of copy control, comprising:

an electronic watermark detection step which detects predetermined certain bits of digital data in said copy control information out of a content over which an electronic watermark expressing said copy control information is superimposed; and

a recording step which records said content in accordance with a detection result obtained by said electronic watermark detection means.

9. (Amended) A program of the recording apparatus of claim 1, said program makes a computer function as:

a part of an electronic watermark detection means which detects predetermined certain bits of digital data in said copy control information out of a content over which an electronic watermark expressing said copy control information is superimposed; and

a part of a recording means which records said content in accordance with a detection result obtained by said electronic watermark detection means.

10. A recording medium which can be processed on a computer and which holds the program of claim 9.

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CONFIRMATION

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June 3, 2004

RE: Submission of Amendments of the claims

under Article 19(1) (Rule 46).

for PCT International Appln Ser No. of PCT/JP2004/000189

International Filling Date: 14. January. 2004

Applicant :Matsushita Electric Industrial Co., Ltd.

Agent: Matsuda patent attorney

Document Number of Applicant or Agent: P33318-P0

Dear Sirs,

The Applicant, who received the International Search Report relating to the above identified International Application transmitted on 13. April. 2004, hereby files amendment under Article 19 (1) as in the attached sheets.

Further, the Applicant amends claims 1-3, 8, 9 and therefore the Applicant files the amended sheets (pages 44 and 45) for replacement.

Very truly yours,

MATSUDA PATENT OFFICE



Masamichi Matsuda

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Encls. : Amendment of the claims under Article 19(1) (Rule 46)

(PCT/JP2004/000189)

請 求 の 範 囲

1. (補正後) 複数ビットのデジタルデータからなり、複数種類のコピー制御の仕方を示すコピー制御情報を利用してコピー制御を行う記録装置であって、

前記コピー制御情報を示す電子透かしを重畠したコンテンツから前記コピー制御情報のうちの所定の一部のビットのデジタルデータを検出する電子透かし検出手段と、

前記電子透かし検出手段の検出結果に応じて前記コンテンツを記録する記録手段とを備えた、記録装置。

2. (補正後) S D M I 制御方式に準拠した S D 装置であり、

前記コピー制御情報は、複製自由、一世代複製可、及び複製禁止の 3 種類あり、

前記所定の一部のビットのデジタルデータは、複製禁止を示す、請求の範囲第 1 項記載の記録装置。

3. (補正後) C P P M 制御方式または C P R M 制御方式に準拠した記録装置であり、

前記コピー制御情報は、複製自由、一世代複製可、及び複製禁止の 3 種類あり、

前記所定の一部のビットのデジタルデータは、複製禁止を示す、請求の範囲第 1 項記載の記録装置。

4. 前記電子透かし検出手段の検出結果が、前記複製禁止が検出されたことを示す場合、前記記録手段は、前記コンテンツを記録せず、前記電子透かし検出手段の検出結果が、前記複製禁止が検出されていないことを示す場合、前記記録手段は、前記コンテンツを記録する、請求の範囲第 2 項記載の記録装置。

5. 前記電子透かし検出手段の検出結果が、前記複製禁止が検出されたことを示す場合、前記記録手段は、前記コンテンツを記録せず、前記電子透かし検出手段の検出結果が、前記複製禁止が検出されていないことを示す場合、前記記録手段は

、前記コンテンツを記録する、請求の範囲第3項記載の記録装置。

6. 前記記録手段は、前記コンテンツを暗号化して記録する、請求の範囲第2項記載の記録装置。

7. 前記コンテンツは、オーディオコンテンツである、請求の範囲第1項記載の記録装置。

8. (補正後) 複数ビットのデジタルデータからなり、複数種類のコピー制御の仕方を示すコピー制御情報を利用してコピー制御を行う記録方法であって、

前記コピー制御情報を示す電子透かしを重畠したコンテンツから前記コピー制御情報のうちの所定の一部のビットのデジタルデータを検出する電子透かし検出ステップと、

前記電子透かし検出手段の検出結果に応じて前記コンテンツを記録する記録ステップとを備えた記録方法。

9. (補正後) 請求の範囲第1項記載の記録装置の、前記コピー制御情報を示す電子透かしを重畠したコンテンツから前記コピー制御情報のうちの所定の一部のビットのデジタルデータを検出する電子透かし検出手段と、

前記電子透かし検出手段の検出結果に応じて前記コンテンツを記録する記録手段の一部としてコンピュータを機能させるためのプログラム。

10. 請求の範囲第9項記載のプログラムを担持した記録媒体であって、コンピュータにより処理可能な記録媒体。